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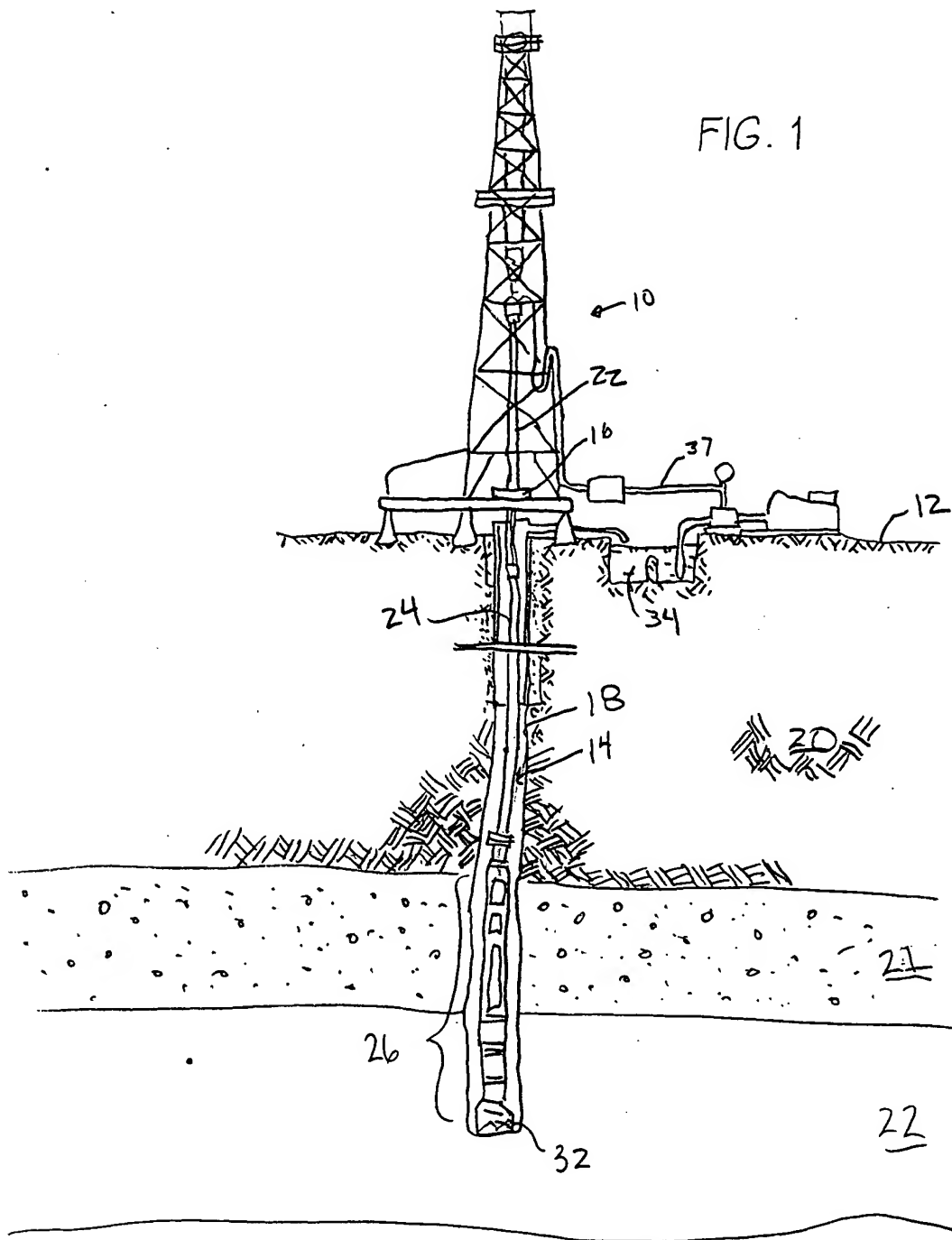
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FIG. 1



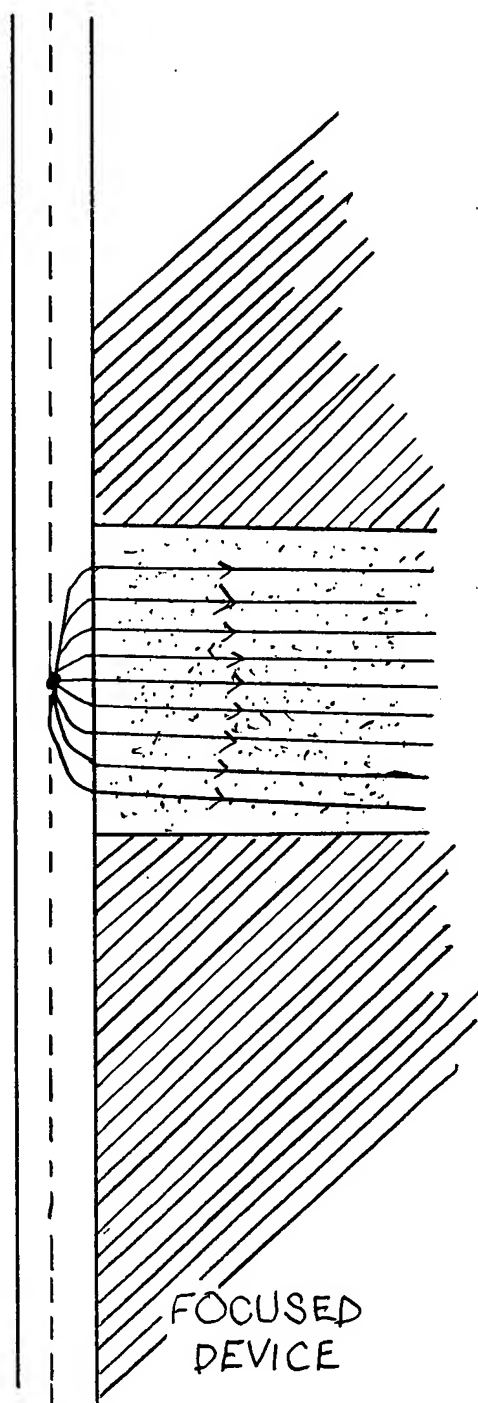


FIG. 2

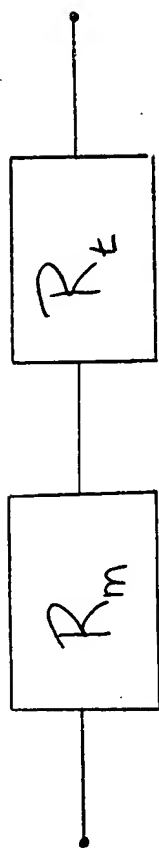


FIG. 3A

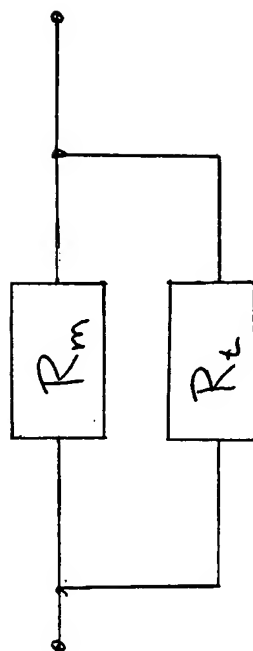


FIG. 3B

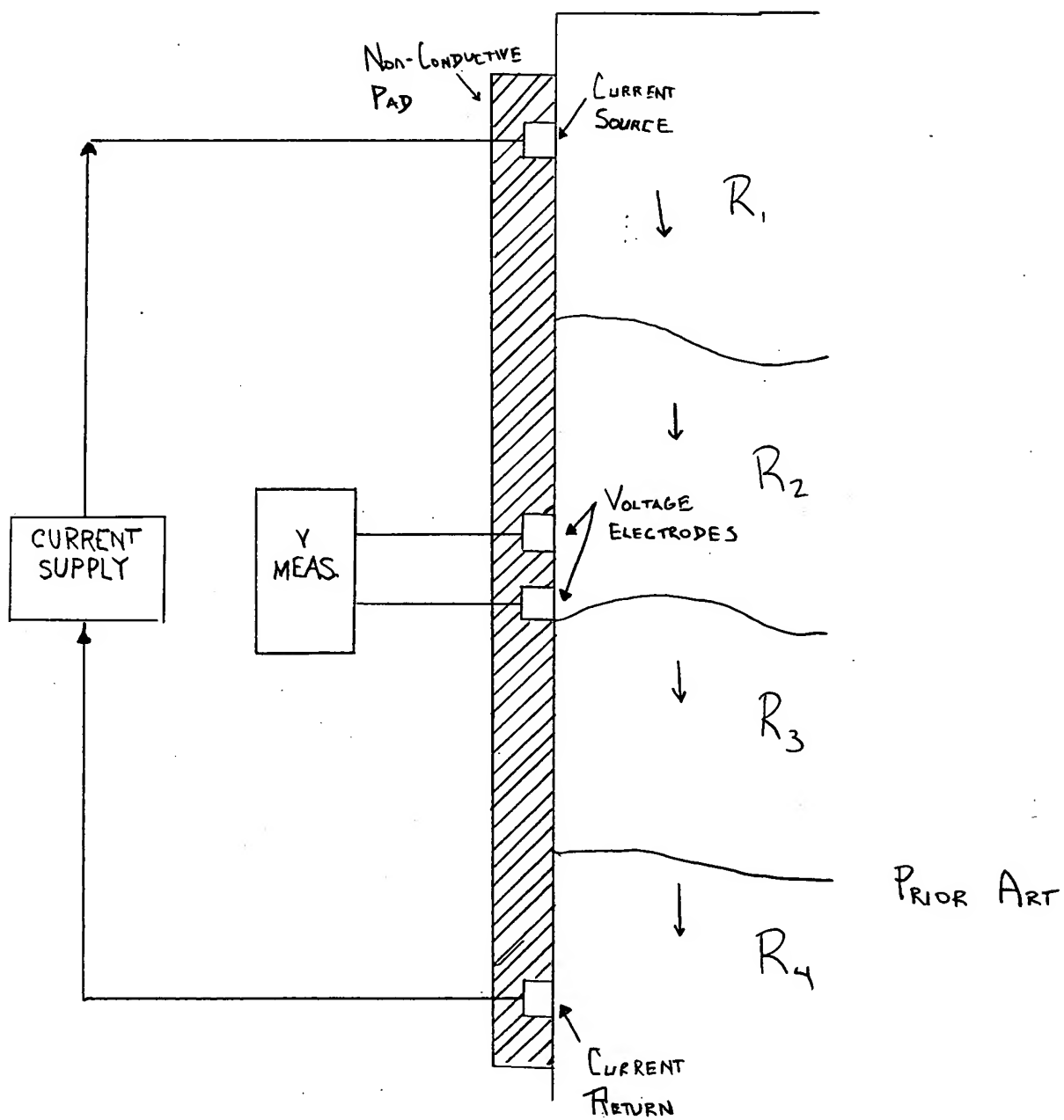


FIG. 4

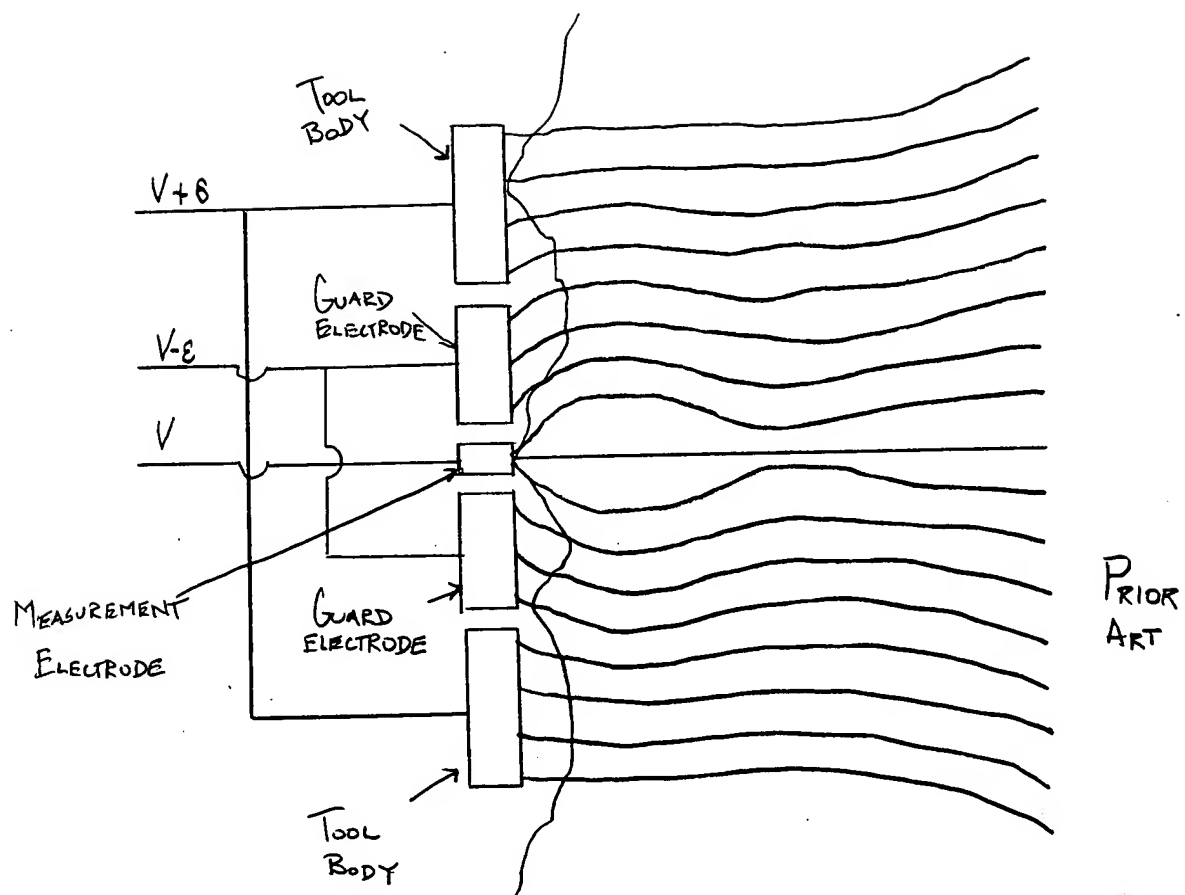


FIG. 5

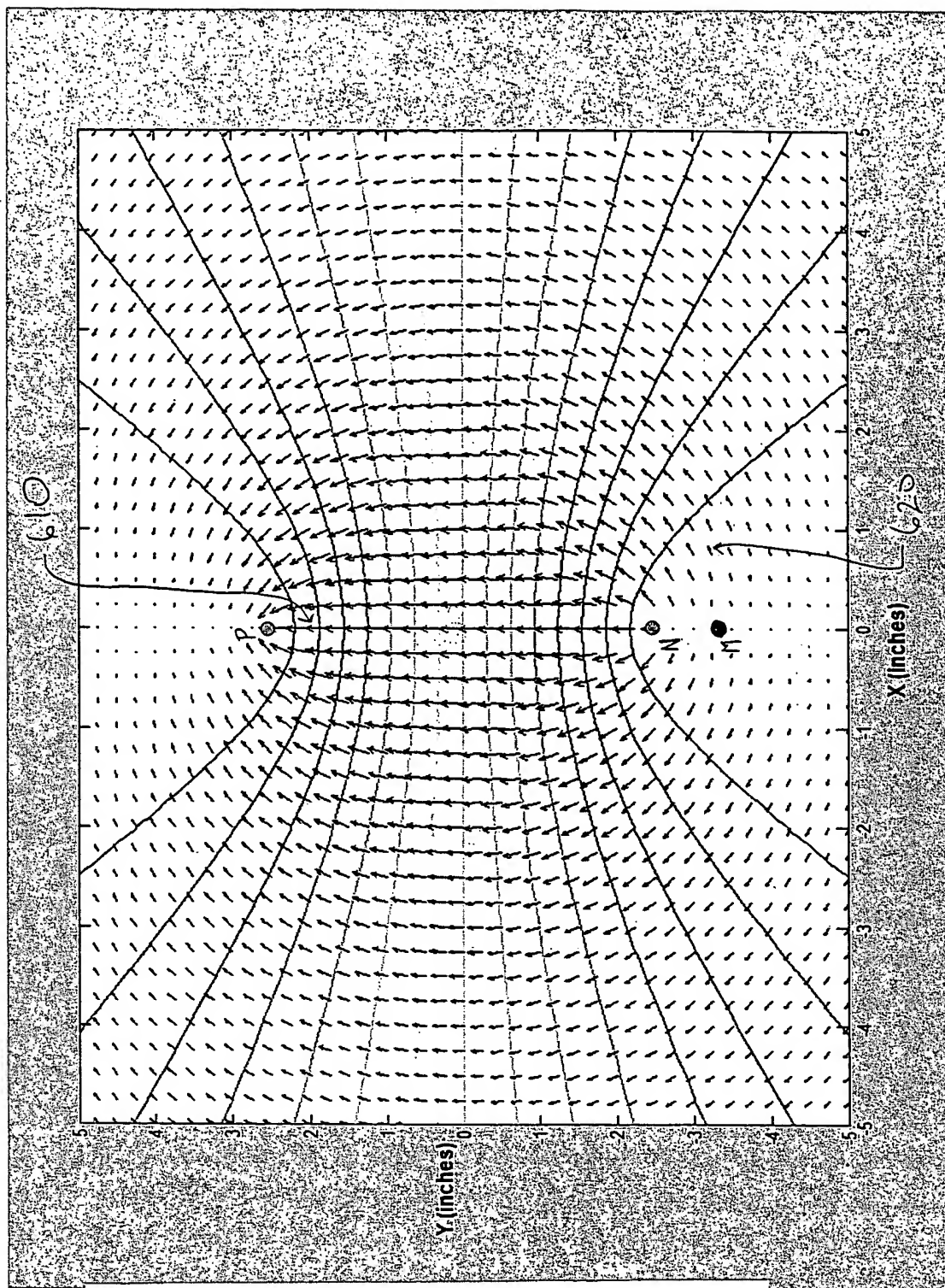


FIG. 6A

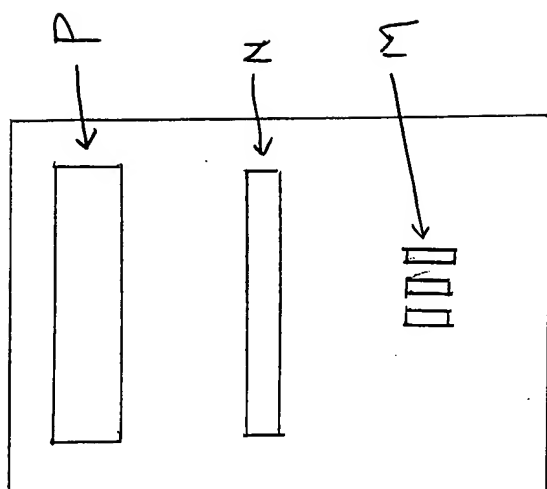


FIG. 6B



• P

• N  
• M  
• N'

• P'

FIG. 7A

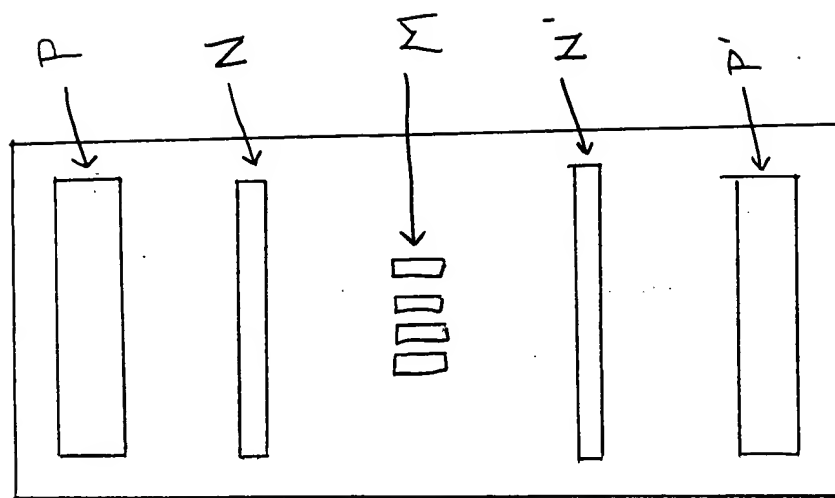
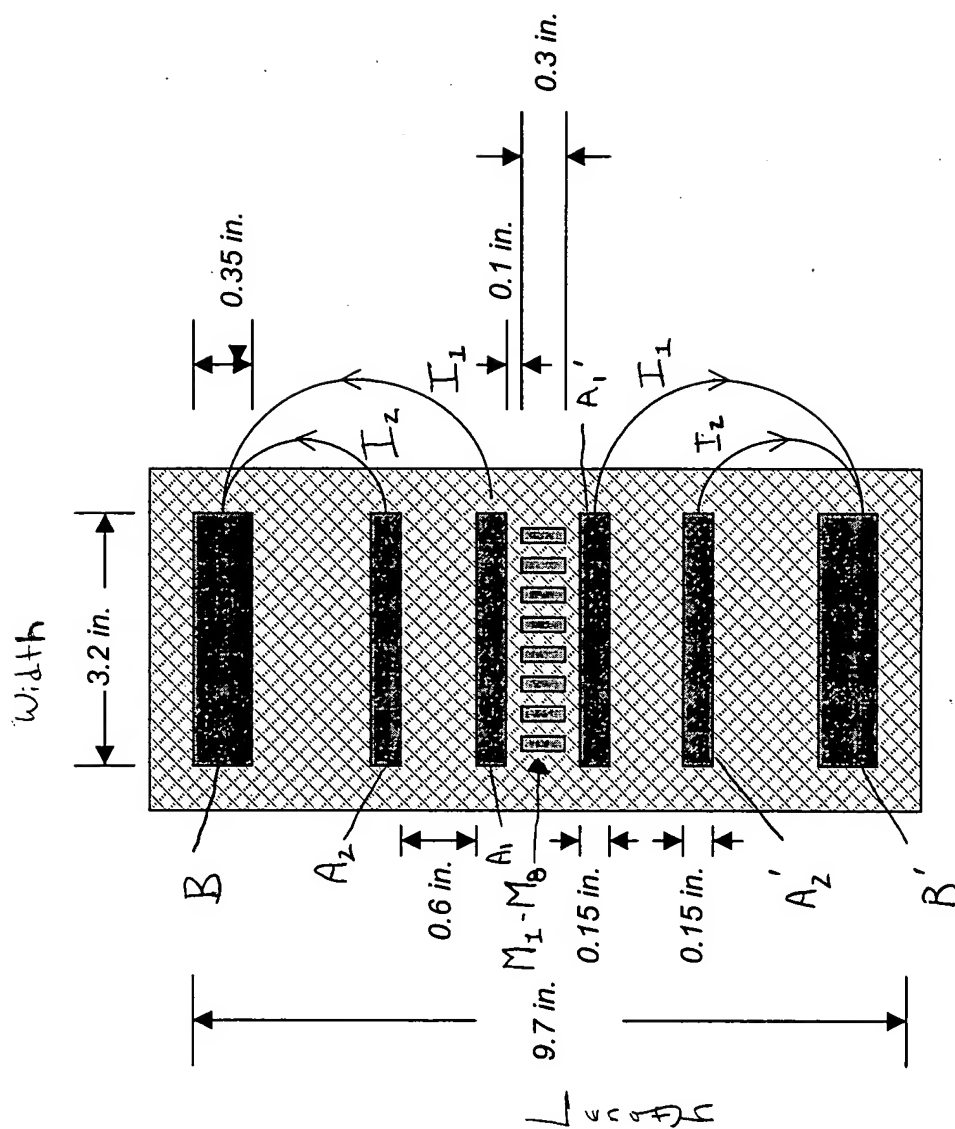


FIG. 7B



A Generic Oil Based Mud Imager

FIG. 8

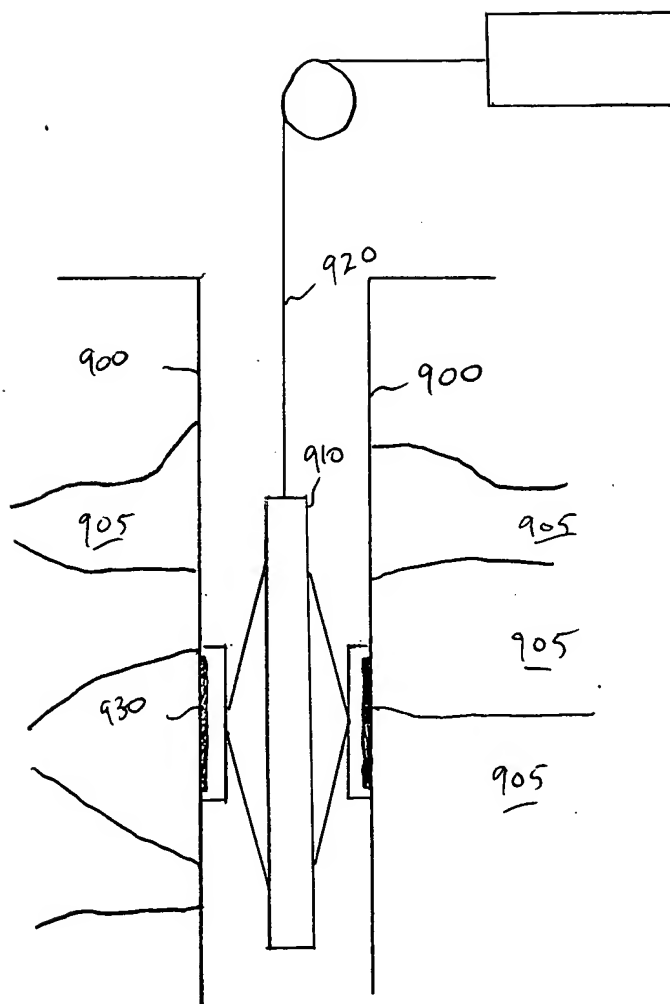


FIG. 9

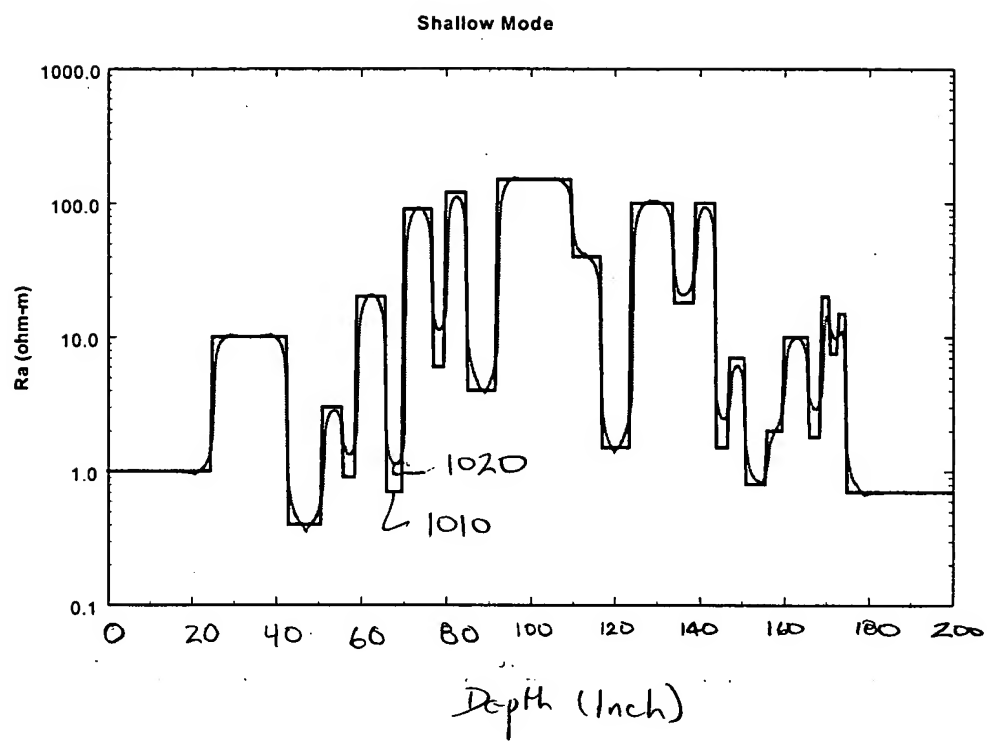


FIG. 10

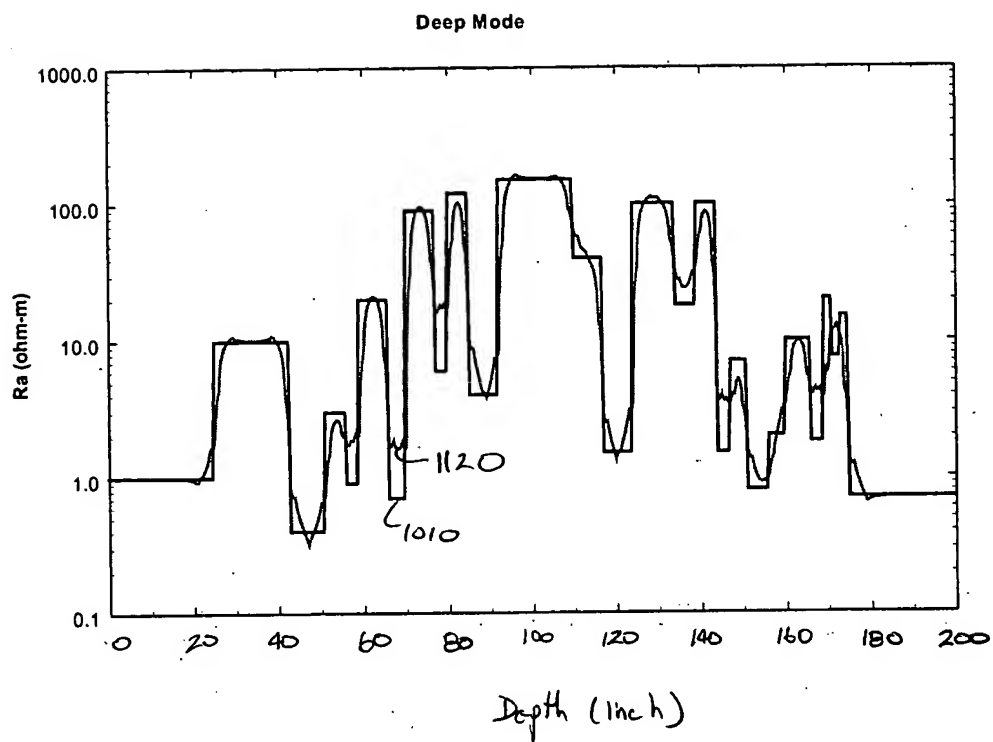


FIG. 1K

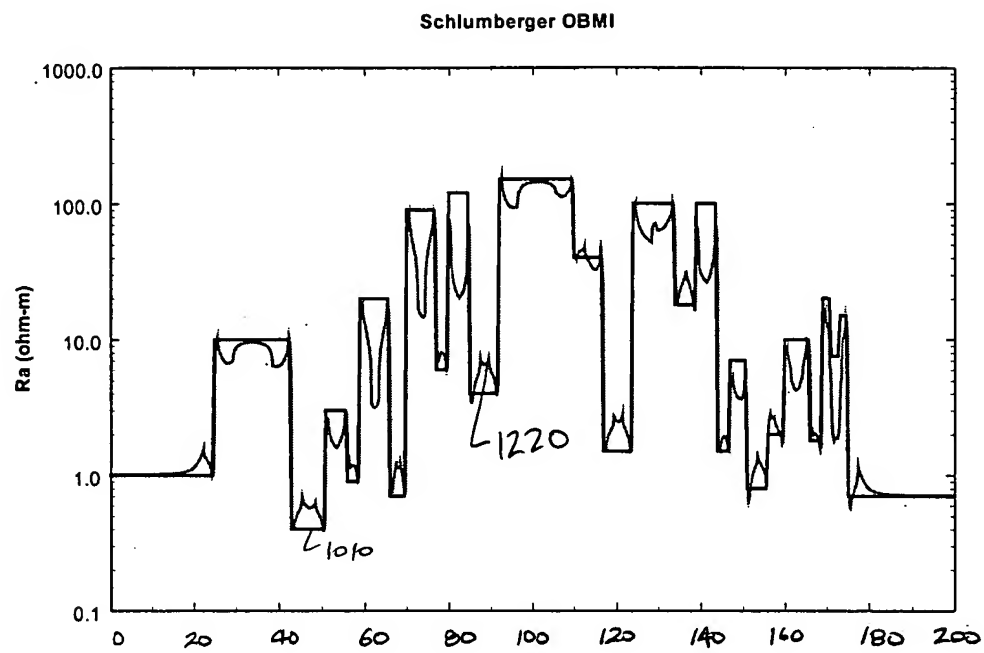


FIG. 12

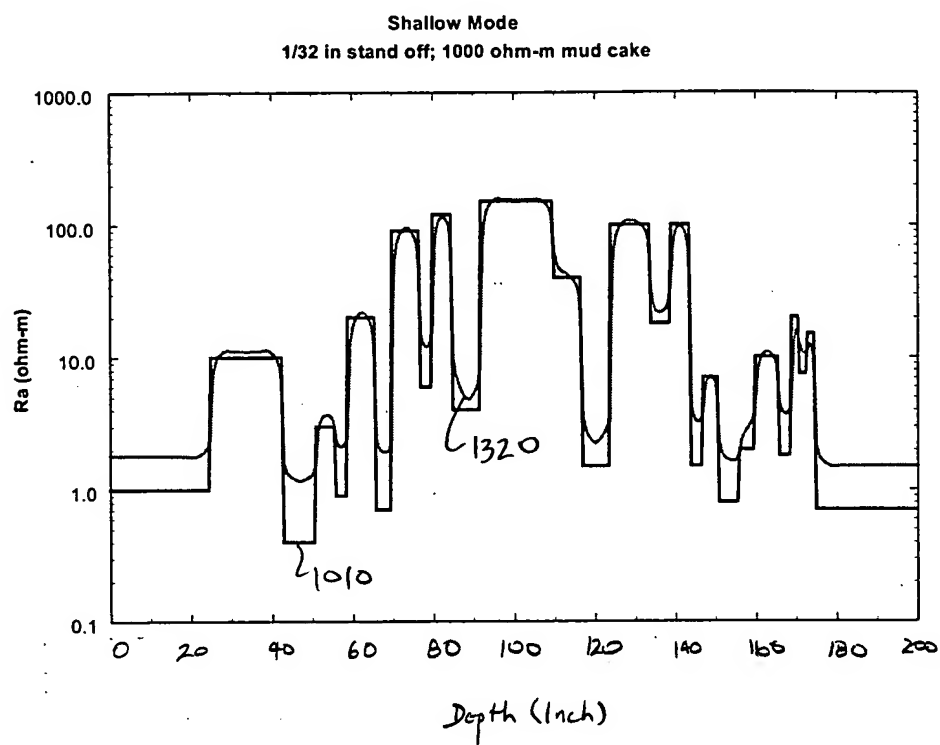


FIG. 13



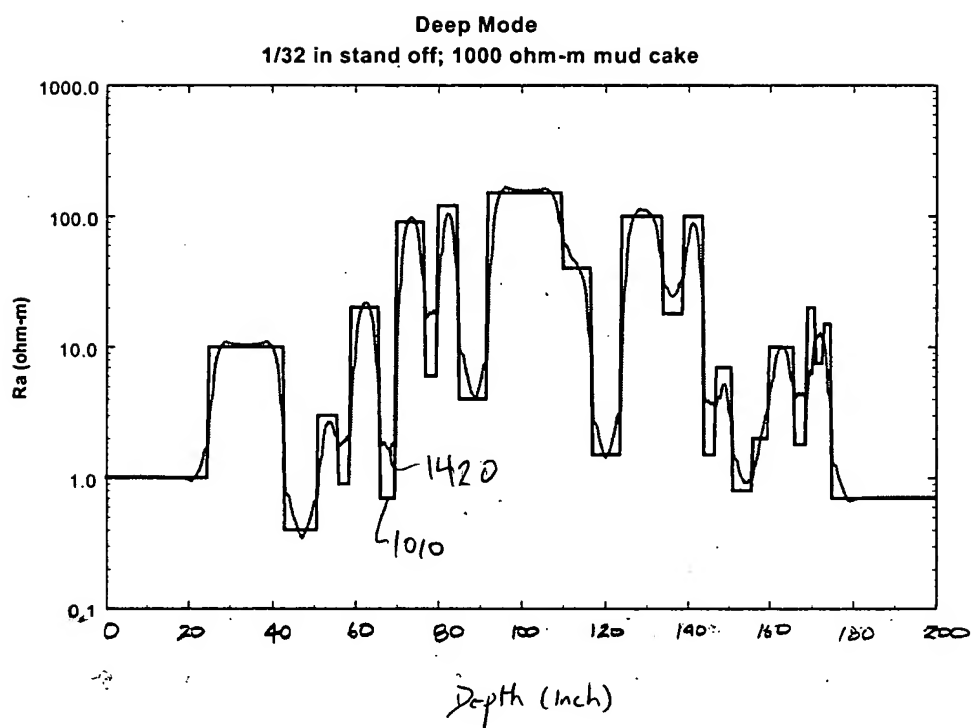


FIG. 14

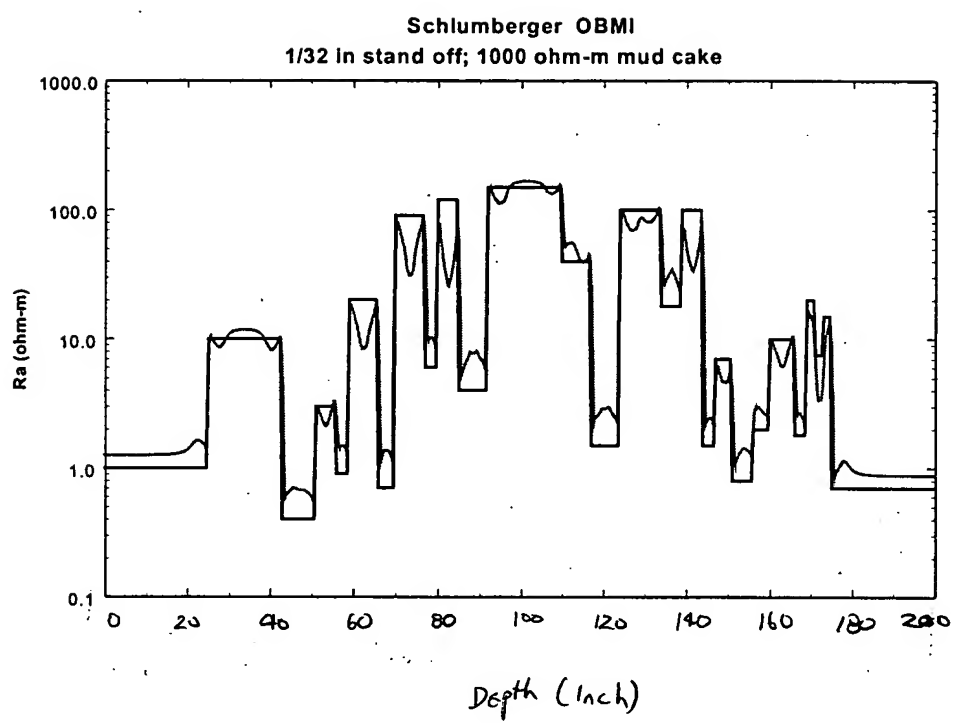


FIG. 15

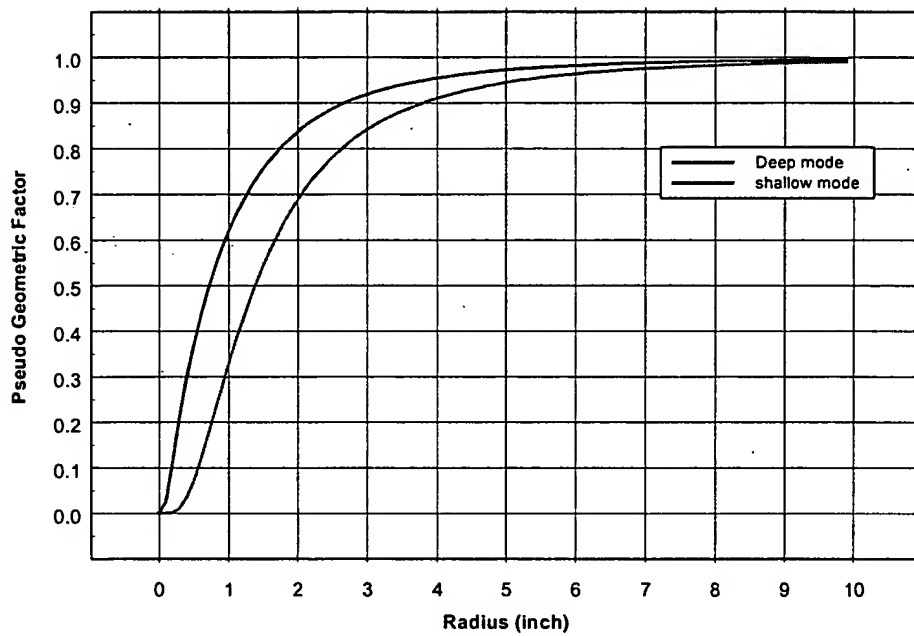


FIG. 16

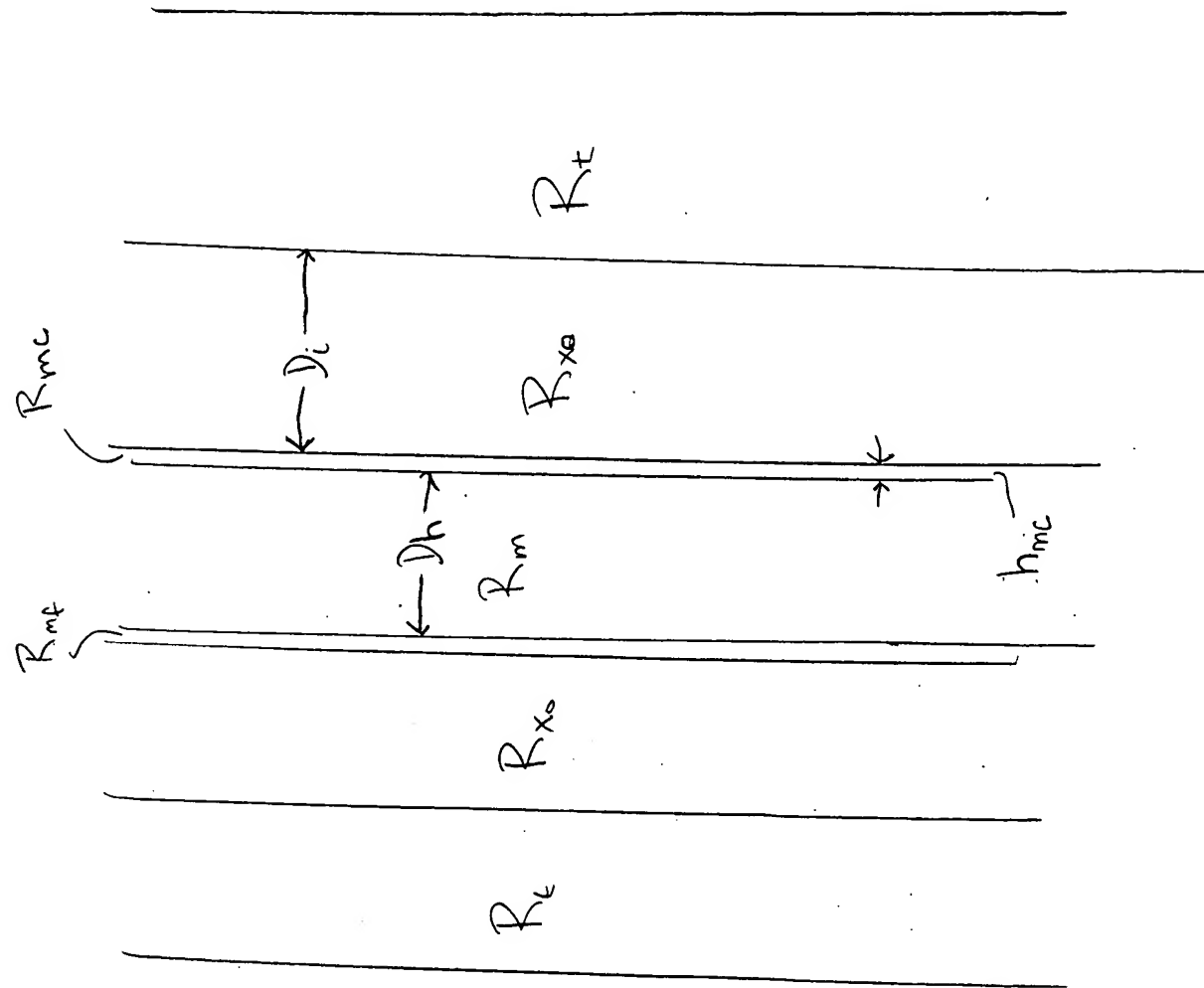


FIG. 17

(1/32)" Standoff; 1000.0 ohm-m mud cake

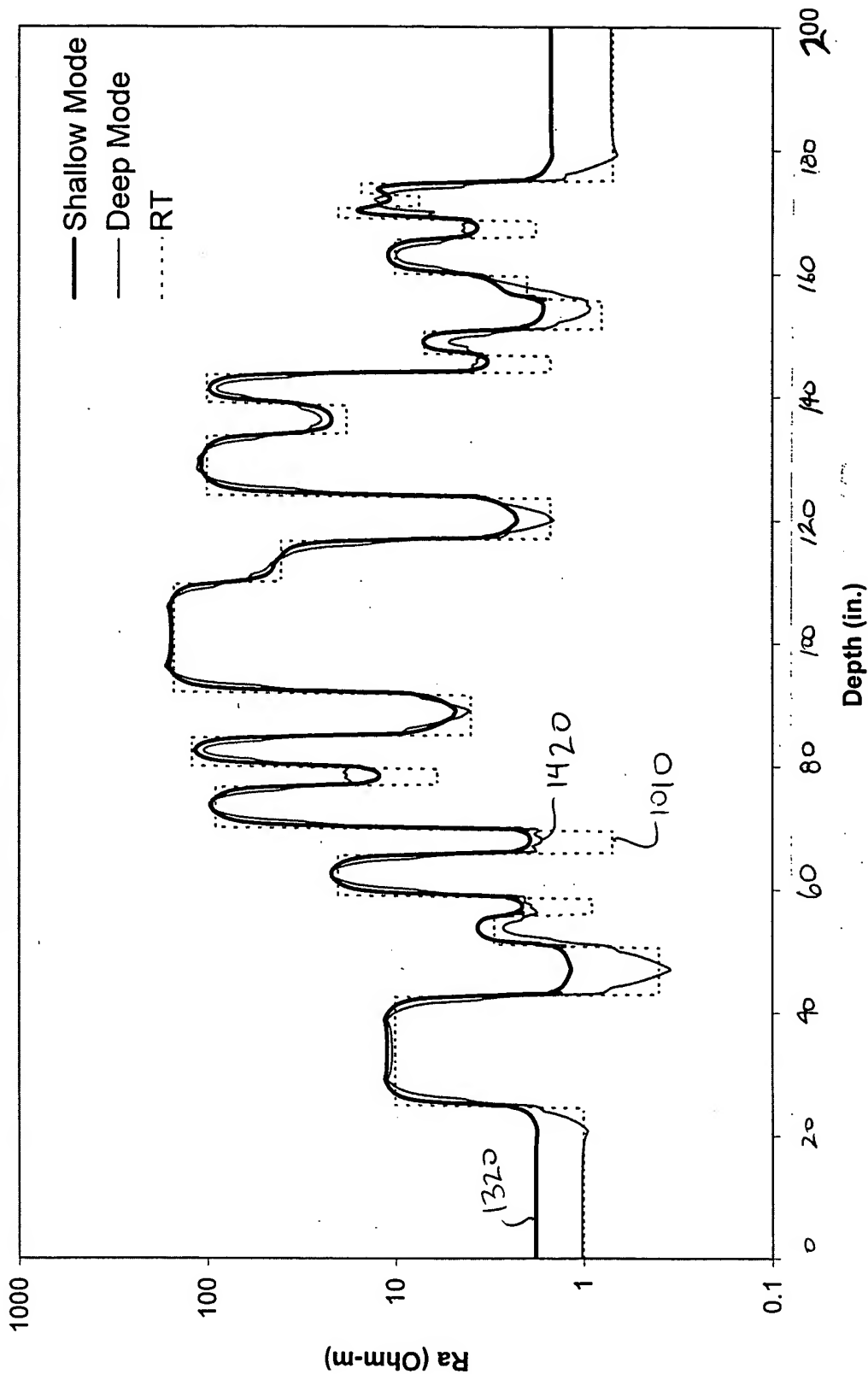


FIG. 18

• P

• N

• M1

• M2

• M3

FIG. 19

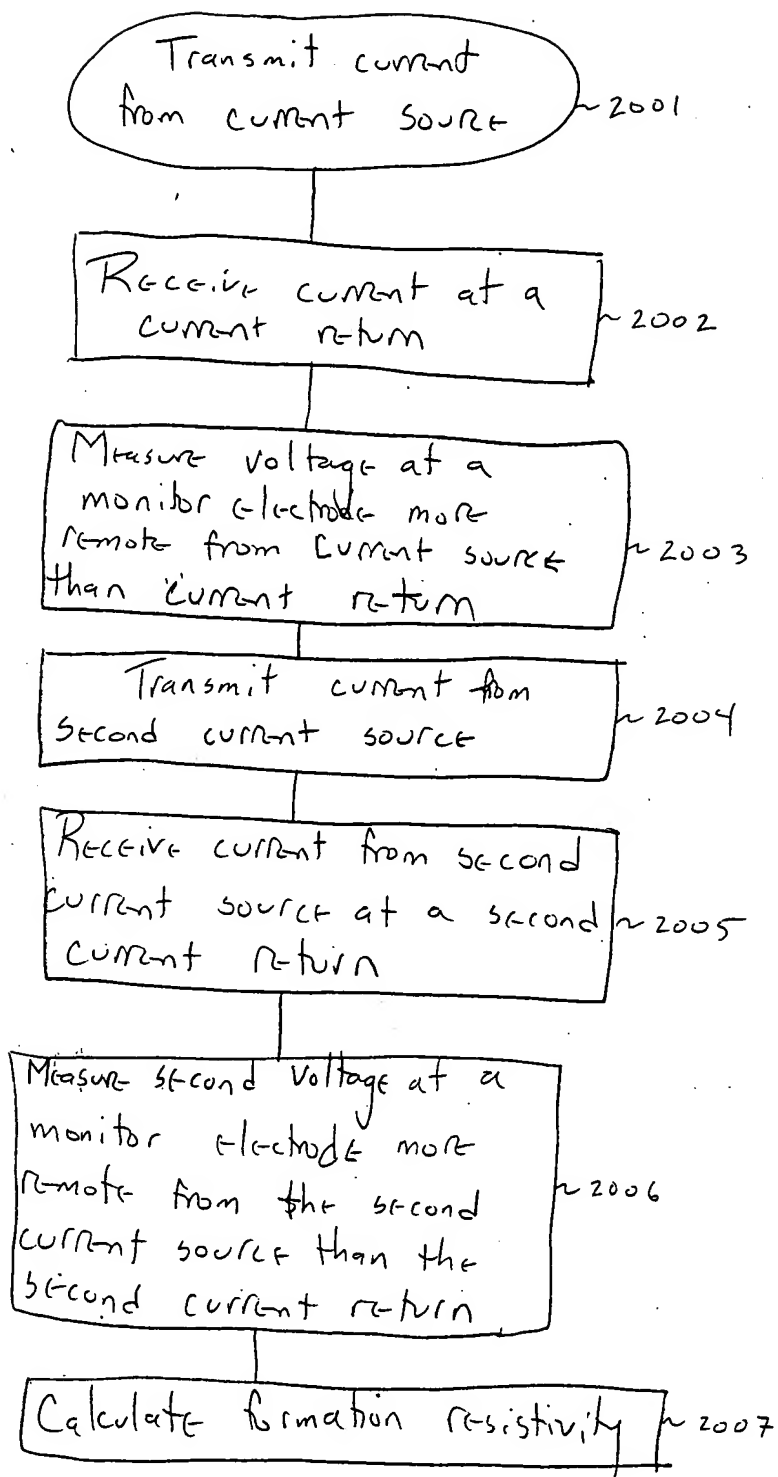


Fig. 20

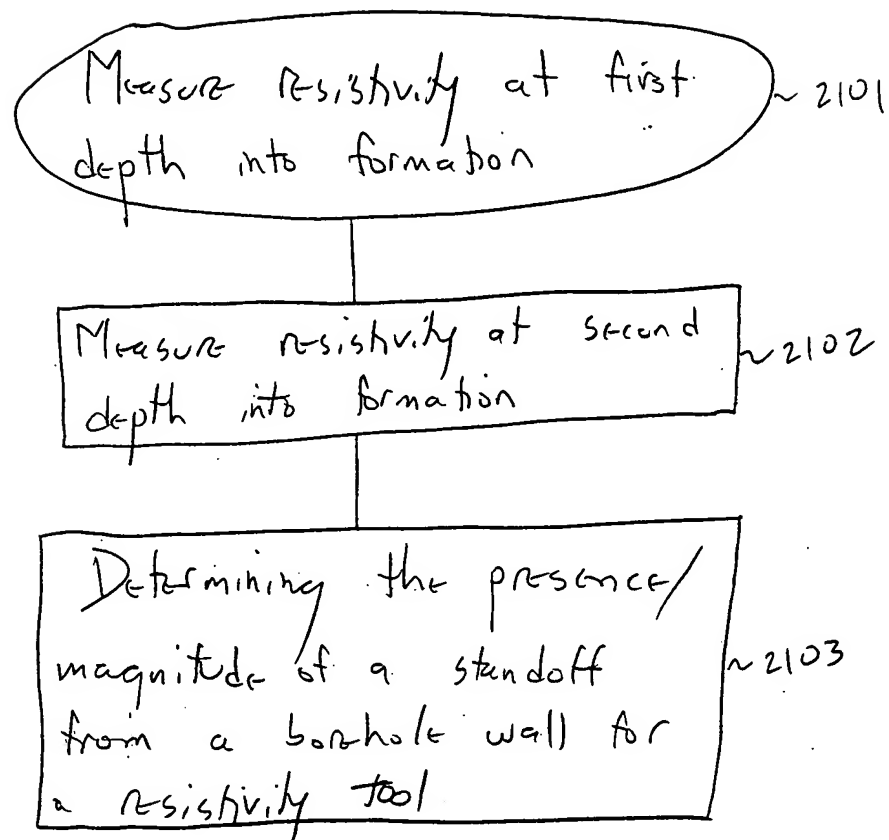


Figure 21